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Advanced Keyword Query for: AURORA-A KINASE

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2DWB

Aurora-A kinase complexed with AMPPNP

Characteristics	Release Date: 31-Jul-2007 Exp. M Resolution: 2.50 Å
Classification	Transferase
Compound	Molecule: Serine/threonine-protein Polymer: 1 Type: polypeptide Chains: A EC#: 2.7.11.1 Fragment: kinase domain
Authors	Kukimoto-Niino, M. , Murayam Yokoyama, S. , RIKEN Structur Genomics/ Proteomics Initiative

1QL6

STRUCTURE OF UNPHOSPHORYLATED D274N MUT

Characteristics	Release Date: 30-Oct-2003 Exp. M Resolution: 3.00 Å
Classification	Kinase
Compound	Molecule: SERINE/THREONINE KI Polymer: 1 Type: polypeptide Chains: A EC#: 2.7.11.37 Fragment: CATALYTIC DOMAIN, RE Mutation: YES
Authors	Bayliss, R. , Conti, E.

2J4Z

STRUCTURE OF AURORA-2 IN COMPLEX WITH PH

Characteristics	Release Date: 06-Nov-2006 Exp. T Resolution: 2.00 Å
Classification	Transferase
Compound	Molecule: SERINE THREONINE-PR Polymer: 1 Type: polypeptide Chains: A, B EC#: 2.7.11.37 2.7.11.1 Fragment: CATALYTIC DOMAIN, RE
Authors	Cameron, A.D. , Izzo, G. , St L. , Fancelli, D. , Varasi, M. S. , Forte, B. , Severino, D. Vianello, P.

☑ 2J50

STRUCTURE OF AURORA-2 IN COMPLEX WITH PHA

Characteristics	Release Date: 06-Nov-2006 Exp. I Resolution: 3.00 Å
Classification	Transferase
Compound	Molecule: SERINE/THREONINE Polymer: 1 Type: polypep Chains: A, B EC#: 2.7.11.1 Fragment: CATALYTIC DOMAIN Other Details: USING MASS SPECT WAS SEEN TO BE PA PHOSPHORYLATED E WERE SEEN IN THE
Authors	**Cameron, A.D. , Izzo, G. , St L. , Fancelli, D. , Varasi, M. S. , Forte, B. , Severino, D. Vianello, P.**

☑ 2W11

STRUCTURE DETERMINATION OF AURORA KINASE INHIBITOR

Characteristics	Release Date: 27-Jan-2009 Exp. M Resolution: 2.60 Å
Classification	Transferase
Compound	Molecule: JAK2 Polymer: 1 Type: polypeptide Chains: A, B EC#: 2.7.10.2 Fragment: KINASE DOMAIN, RESID
Authors	**Howard, S. , Berdini, V. , Bo M.G. , Cross, D.M. , Curry, J. Early, T.R. , Fazal, L. , Gill, A Maman, S. , Matthews, J.E. , Navarro, E.F. , O'Brien, M.A. D.C. , Reule, M. , Tisi, D. , Vinkovic, M. , Wyatt, P.G.**

☑ 1MQ4

Crystal Structure of Aurora-A Protein Kinase

Characteristics	Release Date: 16-Sep-2003 Exp. T Resolution: 1.90 Å
Classification	Transferase
Compound	Molecule: AURORA-RELATED KINA Polymer: 1 Type: polypeptide Chains: A EC#: 2.7.-.- Fragment: kinase domain
Authors	**Nowakowski, J. , Cronin, C.N. Knuth, M.W. , Nelson, C. , Pa Rodgers, J. , Sang, B.-C. , Sc Swanson, R.V. , Thompson, D.**

☑ 1OL5

STRUCTURE OF AURORA-A 122-403, PHOSPHORYL THR288 AND BOUND TO TPX2 1-43

Characteristics	Release Date: 30-Oct-2003 Exp. M Resolution: 2.50 Å
Classification	Transferase/cell Cycle
Compound	Molecule: SERINE/THREONINE Polymer: 1 Type: polypep

Chains:	A
EC#:	2.7.11.37
Fragment:	CATALYTIC DOMAIN
Other Details:	PHOSPHORYLATED C
Molecule:	RESTRICTED EXPRES ASSOCIATED PROTE
Polymer:	2 Type: polypep
Chains:	B
Fragment:	N-TERMINAL, RESID
Authors	**Bayliss, R. , Conti, E.**

☑ 3D14

Crystal structure of mouse Aurora A (Asn186-> Gl > Leu) in complex with 1-(5-{2-(thieno[3,2-d]pyr ethyl}-thiazol-2-yl)-3-(3-trifluoromethyl-phenyl)

Characteristics	Release Date: 26-Aug-2008 Exp. Resolution: 1.90 Å
Classification	**Transferase**
Compound	Molecule: serine/threonine kinase Polymer: 1 Type: polypeptide Chains: A EC#: 2.7.11.1 Fragment: Aurora A kinase domain Mutation: N186G, K240R, M302L
Authors	**Elling, R.A. , Baskaran, S. , A J.D. , Romanowski, M.J.**

☑ 3D15

Crystal structure of mouse Aurora A (Asn186-> Gl > Leu) in complex with 1-(3-chloro-phenyl)-3-(5-(pyrimidin-4-ylamino)-ethyl)-thiazol-2-yl)-urea (S

Characteristics	Release Date: 12-May-2009 Exp. Resolution: 2.30 Å
Classification	**Transferase**
Compound	Molecule: serine/threonine kinase Polymer: 1 Type: polypeptide Chains: A EC#: 2.7.11.1 Fragment: Aurora-A kinase domain Mutation: N186G, K240R, M302L
Authors	**Elling, R.A. , Bui, M. , Allen, Romanowski, M.J.**

☑ 3DJ7

Crystal structure of the mouse Aurora-A catalytic Lys240-> Arg, Met302-> Leu) in complex with Com

Characteristics	Release Date: 05-May-2009 Exp. Resolution: 2.80 Å
Classification	**Transferase**
Compound	Molecule: serine/threonine kinase Polymer: 1 Type: polypeptide Chains: A EC#: 2.7.11.1 Fragment: Aurora A kinase domain Mutation: N186G, K240R, M302L
Authors	**Elling, R.A. , Yang, W. , Erlar B.T. , Hansen, S.K. , Romano**

1 2 3 4 5

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